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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/696,495	10/28/2003	Nadarajah Asokan	915-008.013	5756

10945 7590 01/20/2011

NOKIA CORPORATION  
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EXAMINER
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LE, CANH

ART UNIT	PAPER NUMBER
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2439

MAIL DATE	DELIVERY MODE
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01/20/2011

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/696,495	ASOKAN ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	CANH LE	2439	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/01/2010.
2. ☒ The allowed claim(s) is/are 1,3-9,11-18 and 20-25.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <p>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</p> <p>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</p> <p>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date ____</p> <p>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material</p> | <p>5. <input type="checkbox"/> Notice of Informal Patent Application</p> <p>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date ____.</p> <p>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</p> <p>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</p> <p>9. <input type="checkbox"/> Other ____.</p> |
|---|--|

/Canh Le/  
Examiner, Art Unit 2439

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Alfred A. Fressola on Tuesday January 11, 2011.

The newly amended set of claims as authorized by Applicant immediately follow:

**18. (currently amended)** A personal device comprising:

an integrated circuit chip with a unique chip identifier in a read-only storage and a unique secret chip key in a tamper-resistant secret storage;

a processor configured for outputting the unique chip identifier; and

a memory for storing a received data package from a secure processing point including at least one cryptographic key;

wherein the processor is further configured for encrypting the received data package from the secure processing point with the unique secret chip key and outputting a resulting backup data package to a permanent public database separated from said personal device;

the personal device further comprising:

a read-only memory storing a manufacturer public signature key, wherein the memory for storing the received data package is further for storing a received certificate of a unique device identity, said certificate being the signing of an association of the unique device identity and the

Art Unit: 2439

unique chip identifier using a manufacturer private signature key corresponding to the manufacturer public signature key, said certificate corresponding to a certificate stored in association with the backup data package in the permanent public database and which has been signed with the manufacturer private signature key corresponding to the manufacturer public signature key.

### **DETAILED ACTION**

This Office Action is in response to the application filed on 11/01/2010.

Claims 2, 10, 19 and 26-27 have been cancelled.

Claims 1, 3-9, 11-18, and 20-25 have been pending.

### **Reasons for Allowance**

Claims 1, 3-9, 11-18, and 20-25 are allowed.

The following is an examiner's statement for reasons for allowance:

The prior art of record, either singularly or in combination, failed to teach the combination of the invention as claimed in independent claims 1, 9, 18, and 25. For example, it failed to teach *"the processor of the secure processing point further is arranged for:* associating a unique device identity with the unique chip identifier; signing the association unique device identity and unique chip identifier using a manufacturer private signature key corresponding to a manufacturer public signature key stored in a read-only memory of the personal device, thereby generating a certificate for the unique device identity; storing the certificate in the personal device; and storing in the permanent public database, the unique

Art Unit: 2439

device identity and the certificate in association with the backup data package and the associated unique chip *identifier*. ” This feature in light of other features describes in the independent claims 1, 9, 18, and 25 are allowable over the prior art of record.

Claims 3-8 and 17 depend on claim 1, and are therefore considered as allowable claims.

Claims 11-16 depend on claim 9, and are therefore considered as allowable claims.

Claims 20-24 depend on claim 18, and are therefore considered as allowable claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement for Reasons for Allowance”.

### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Canh Le whose telephone number is 571-270-1380. The examiner can normally be reached on Monday to Friday 7:30AM to 5:00PM other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Orgad Edan can be reached on 571-272-7884. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2439

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Canh Le/

Examiner, Art Unit 2439

January 11, 2011

/Edan Orgad/

Supervisory Patent Examiner, Art Unit 2439